

October 21, 2010

Mr. Scott Miller  
U.S. Environmental Protection Agency, Region IV  
4WD-SRTMB  
61 Forsyth Street, S.W.  
Atlanta, Georgia 30303-3104

**VIA EMAIL**

Subject: September 2010 Monthly Progress Report

Dear Mr. Miller:

On behalf of Beazer East, Inc. (Beazer), attached is the September 2010 Monthly Progress Report for the Cabot Carbon/Koppers Superfund Site in Gainesville, Florida, as required by 1991 Unilateral Administrative Order (UAO) and the 1994 UAO Amendment. If you have any questions or comments, please contact me.

Sincerely,



Gregory W. Council, P.E.  
Principal Engineer

cc: Kelsey Helton, Florida DEP  
John Mousa, Alachua County EPD  
Rick Hutton, Gainesville Regional Utilities  
Linda Paul, Koppers  
Mitchell Brourman, Beazer  
Mike Slenska, Beazer  
Donna Kopach, Beazer  
Jim Erickson, GeoTrans  
Guy Roemer, GeoTrans

**September 2010**  
**MONTHLY PROGRESS REPORT**  
**Cabot Carbon/Koppers Superfund Site**  
**Gainesville, Florida**

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**1. Description of actions taken to comply with the Unilateral Administrative Order (March 1991) and estimate of the percentage of the RD/RA completed:**

- Beazer's Operation and Maintenance (O&M) Contractor performed routine treatment plant operation and maintenance services for the ground water remedial system.
- Actions related to the Second (2006) Five-Year Review recommendations are being performed through 2010.

**2. Summary of results of sampling and tests and all other data during the month:**

- Instantaneous flow rates and totalizer volumes were measured in each extraction well.
- Passive NAPL recovery continues: 5.8 gallons of NAPL were bailed from Upper Hawthorn wells during the past month (3 recovery events). A total of 407.86 gallons have been bailed since the start of the NAPL recovery program on June 19, 2004. The two-week recovery schedule was started October 25, 2005. The attached table provides details of the NAPL recovery volumes by well and date.
- A total of 3,316,131 gallons of ground water were recovered by the Surficial Aquifer drains and extraction well system during the past month (system run time of 719.2 hours). The water was treated and discharged to Gainesville Regional Utilities (GRU). See sections 5 and 6 for more details. The average recovery rate for the month was approximately 76.8 gallons per minute (gpm). The recovery rate for each component is listed below.
  - Perimeter Extraction Wells: 632,172 gallons
  - FW-6: 8,696 gallons
  - FW-21B: 142,523 gallons
  - FW-31BE: 838,630 gallons
  - Former North Lagoon Drain: 458,940 gallons
  - Former Drip Track Drain: 440,420 gallons
  - Former Process Area Drain: 395,130 gallons
  - Former South Lagoon Drain: 399,620 gallons

**3. Summary of all plans, reports, deliverables and procedures completed:**

- Completed monthly maintenance check.
- Inspected piezometers, extraction wells, piping, valves, treatment plant vessels and controls, buildings and grounds.
- Drained and cleaned clarifier and treated backwater water at Former South Lagoon and Process Area Drains.
- Conducted 3<sup>rd</sup> quarter POTW sample for SVOCs, VOCs, and total metals.

- Conducted IRM groundwater sampling at Upper Floridan Aquifer wells FW-22B and FW-31BE.
- Flushed lines, cleaned out lines, and cleaned flowmeters at EW-8, EW-9, and EW-2.
- Submitted report titled: *Upper Floridan Aquifer Well Installation: Investigation of the Northwestern Area* (GeoTrans, September 14).

**4. Projected work for the next month (October 2010) with schedule considerations:**

- Please see the attached draft schedule. Note that this is a working schedule and is likely to change.
- Measure instantaneous flow rates and totalizer volumes for each extraction well.
- Continue NAPL removal from Hawthorn Group wells on a two-week schedule.
- Continue IRM groundwater sampling at FW-31BE.

**5. Summary of problems or potential problems and actual or anticipated delays encountered during the month:**

- There was an air compressor failure at FW-6 that resulted in low monthly flow total.

**6. Actions being taken to rectify problems or delays:**

- Air compressor failure at FW-6 was fixed after two service visits.

**7. Supplemental information:**

- Please see the attached draft schedule. Note that this is a working schedule and is likely to change.

**8. Changes in personnel during this month:**

- None this reporting period.